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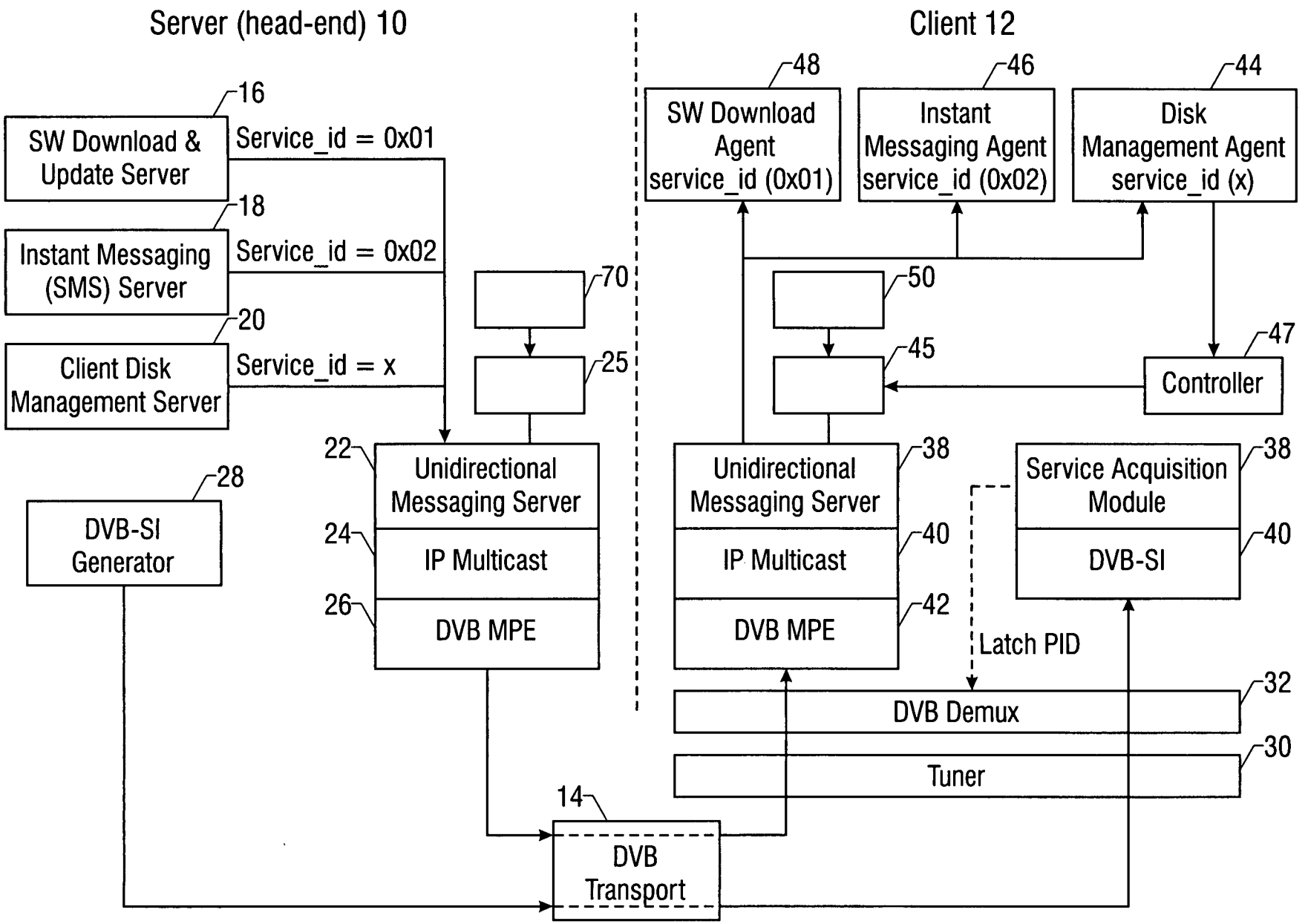

FIG. 1

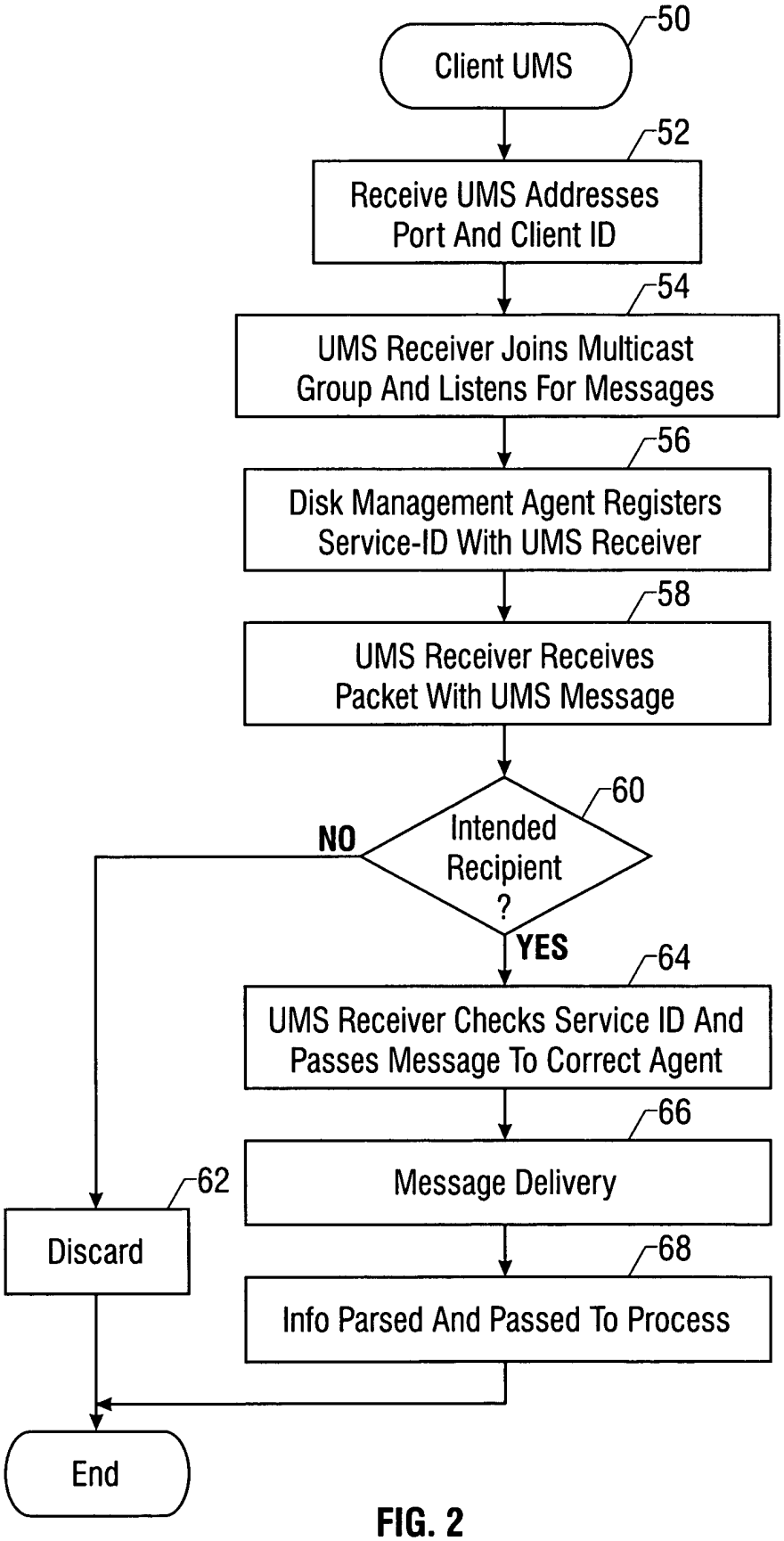
Client UMS
50
Receive UMS Addresses Port And Client ID
52
UMS Receiver Joins Multicast Group And Listens For Messages
54
Disk Management Agent Registers Service-ID With UMS Receiver
56
UMS Receiver Receives Packet With UMS Message
58
Intended Recipient ?
60
NO
YES
UMS Receiver Checks Service ID And Passes Message To Correct Agent
64
Message Delivery
66
Info Parsed And Passed To Process
68
Discard
62
End

FIG. 2

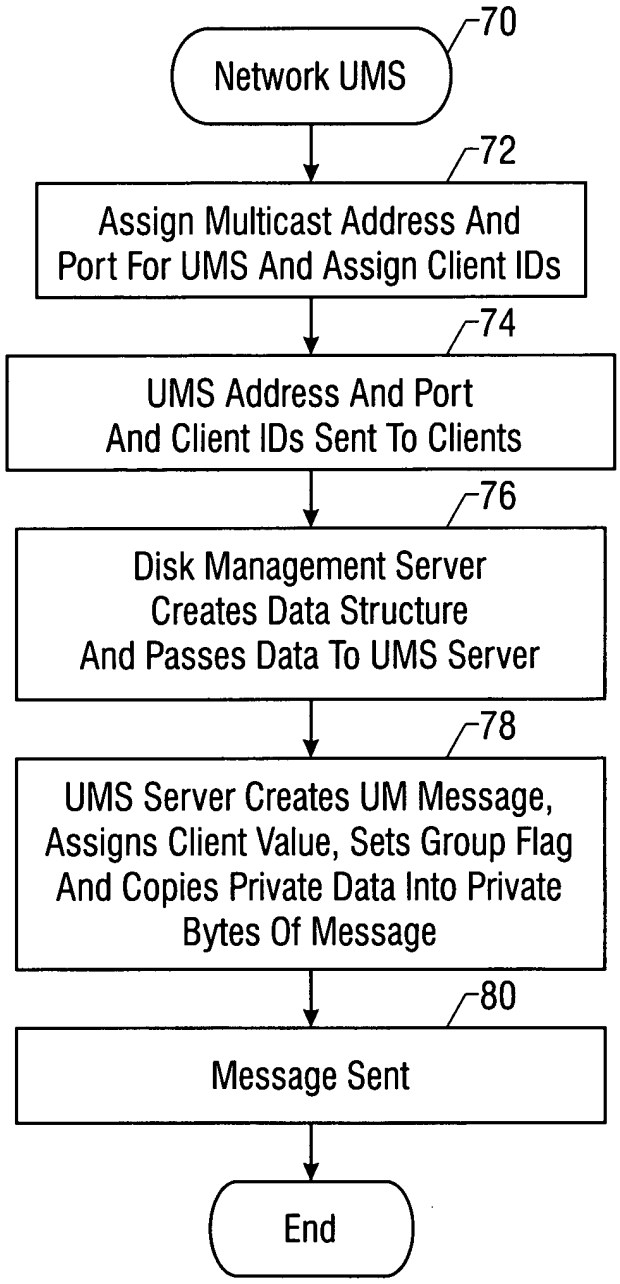
70
Network UMS
72
Assign Multicast Address And Port For UMS And Assign Client IDs
74
UMS Address And Port And Client IDs Sent To Clients
76
Disk Management Server Creates Data Structure And Passes Data To UMS Server
78
UMS Server Creates UM Message, Assigns Client Value, Sets Group Flag And Copies Private Data Into Private Bytes Of Message
80
Message Sent
End

FIG. 3